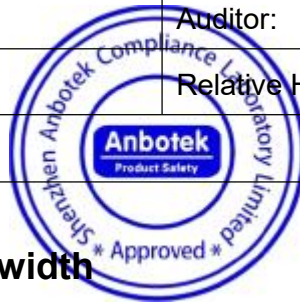


Appendix Test Data-ANT2

Report No.:	1812C50603812502-02	Test Sample No.:	1-2-2
Start Test Date:	2026-1-8	Finish Test Date:	2026-1-16
Test Engineer:	Pearl Ao	Auditor:	Justin Feng
Temperature:	24.8°C	Relative Humidity:	49%
Pressure:	101kPa		



Appendix A: 20dB Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant2	2402.4	0.969	2401.953	2402.922	---	---
2.4G	Ant2	2441.4	0.960	2440.911	2441.871	---	---
2.4G	Ant2	2479.4	0.918	2478.950	2479.868	---	---

Test Graphs





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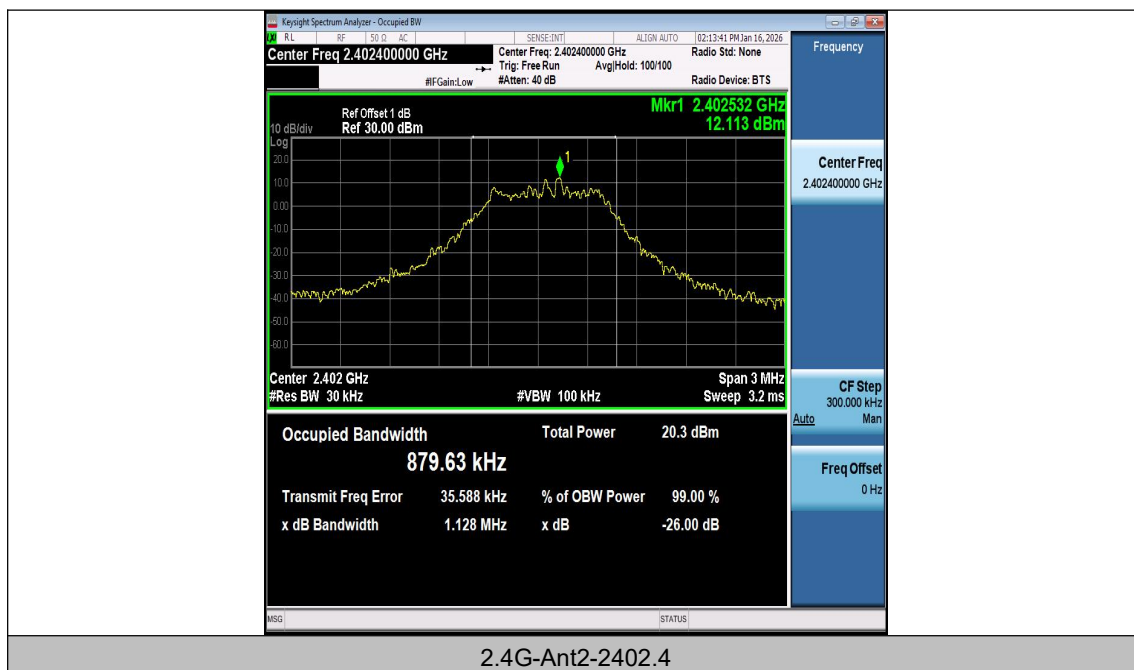
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Appendix B: 99% Occupied Bandwidth

Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
2.4G	Ant2	2402.4	0.87963	2401.9958	2402.8754	---	---
2.4G	Ant2	2441.4	0.85406	2440.9662	2441.8202	---	---
2.4G	Ant2	2479.4	0.84428	2478.9721	2479.8164	---	---

Test Graphs





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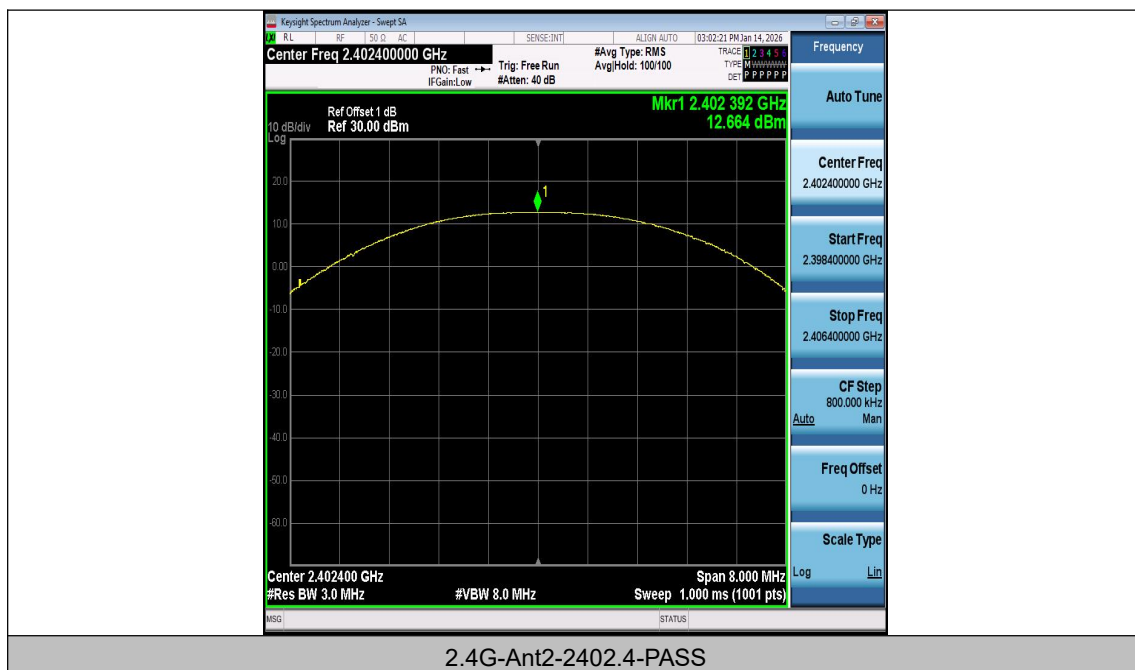
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

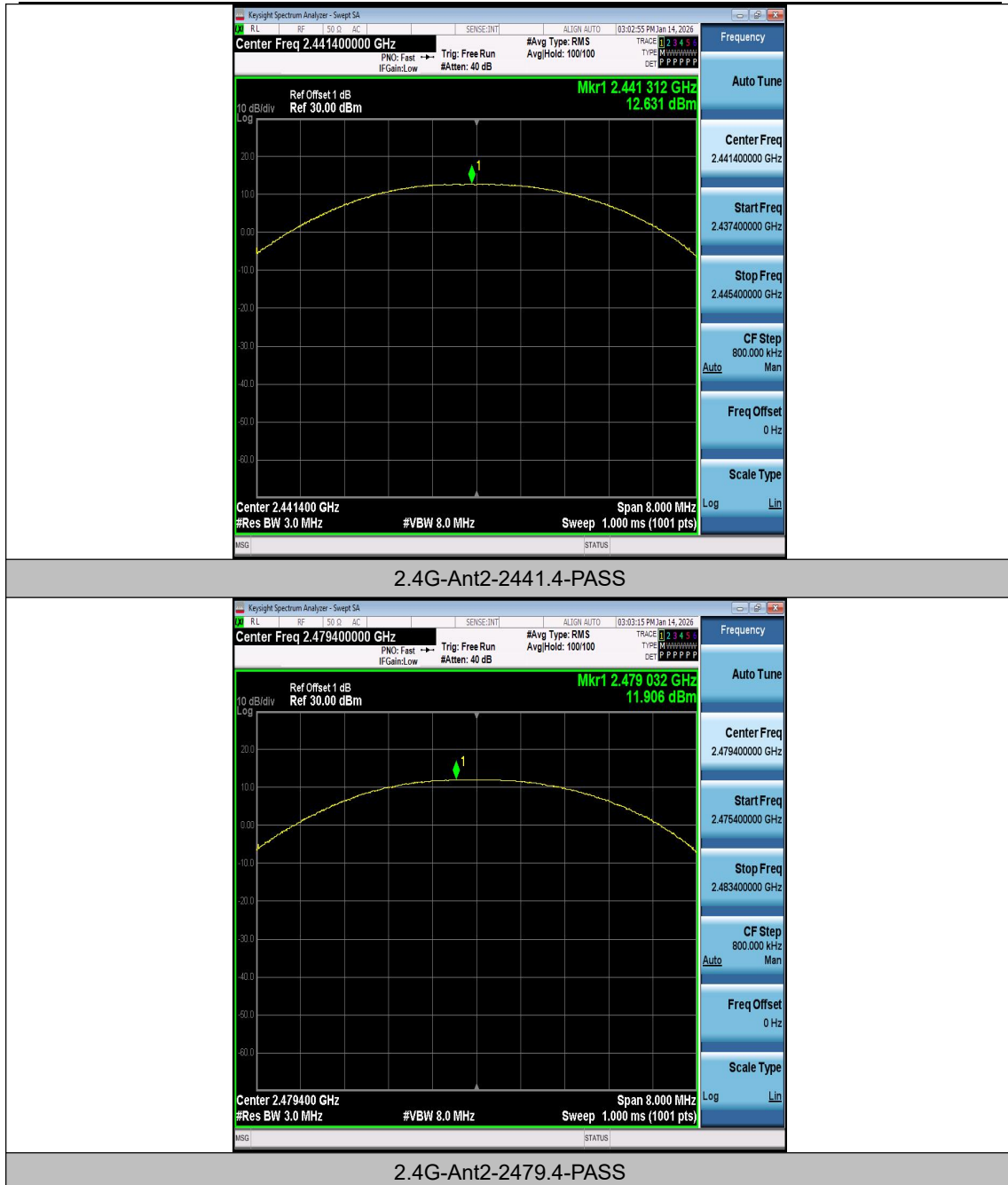
Appendix C: Maximum Conducted Output Power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
2.4G	Ant2	2402.4	12.66	≤30	PASS
2.4G	Ant2	2441.4	12.63	≤30	PASS
2.4G	Ant2	2479.4	11.91	≤30	PASS

Test Graphs





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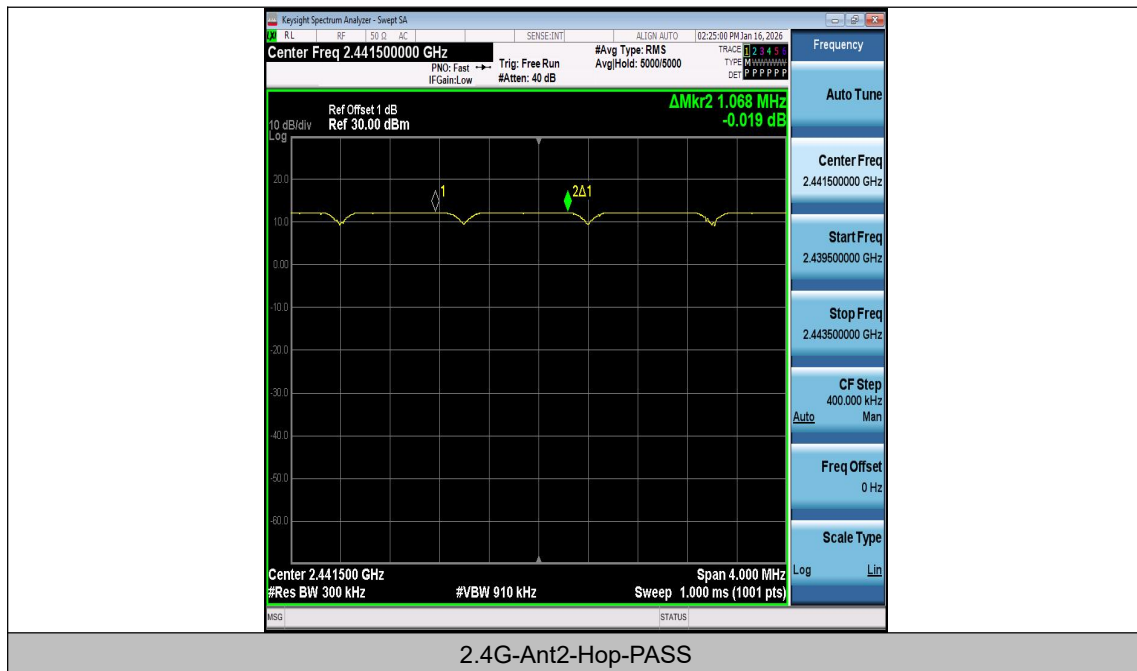
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Appendix D: Carrier frequency separation

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [MHz]	Limit[MHz]	Verdict
2.4G	Ant2	Hop	1.068	≥0.969	PASS

Test Graphs

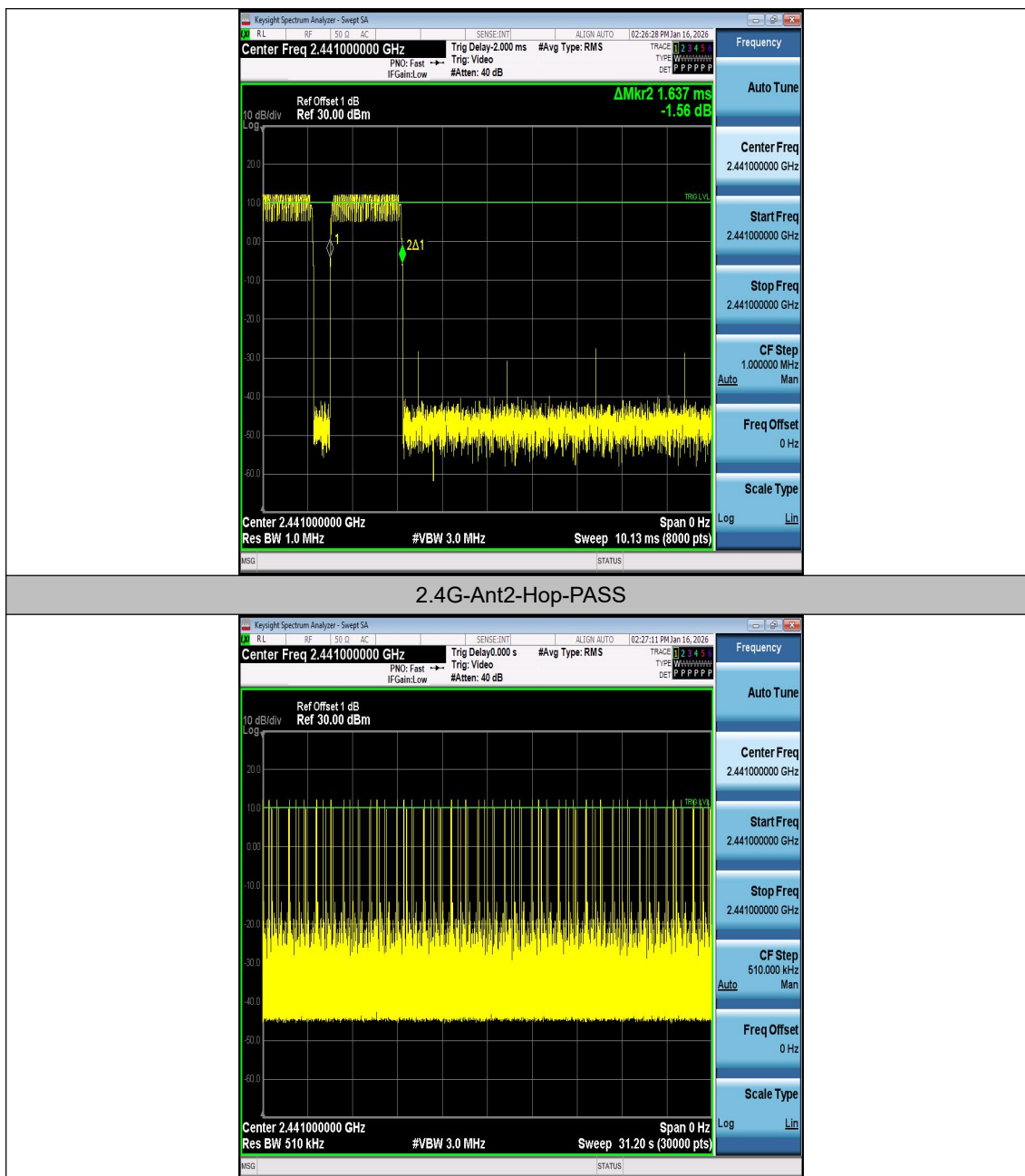


Appendix E: Dwell Time

Test Result

Test Mode	Antenna	Frequency [MHz]	Burst Width [ms]	Total Hops [Num]	Result [s]	Limit [s]	Verdict
2.4G	Ant2	Hop	1.637	102.294871794872	0.167	≤0.4	PASS

Test Graphs



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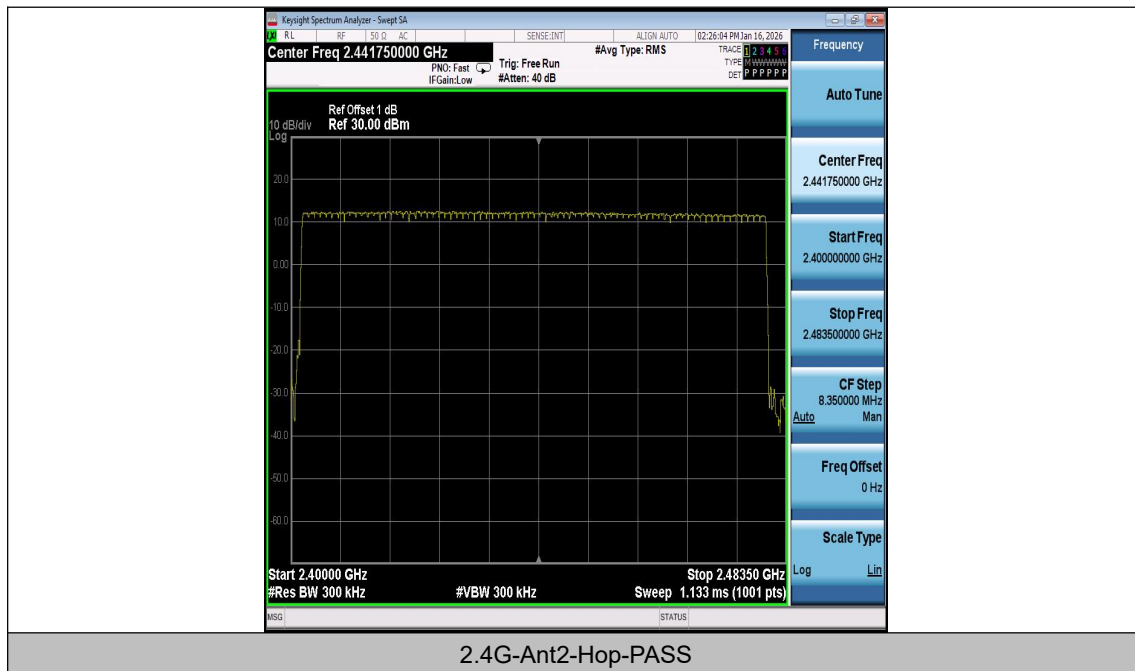
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Appendix F: Number of Hopping Channel

Test Result

Test Mode	Antenna	Frequency [MHz]	Result [Num]	Limit [Num]	Verdict
2.4G	Ant2	Hop	78	≥15	PASS

Test Graphs

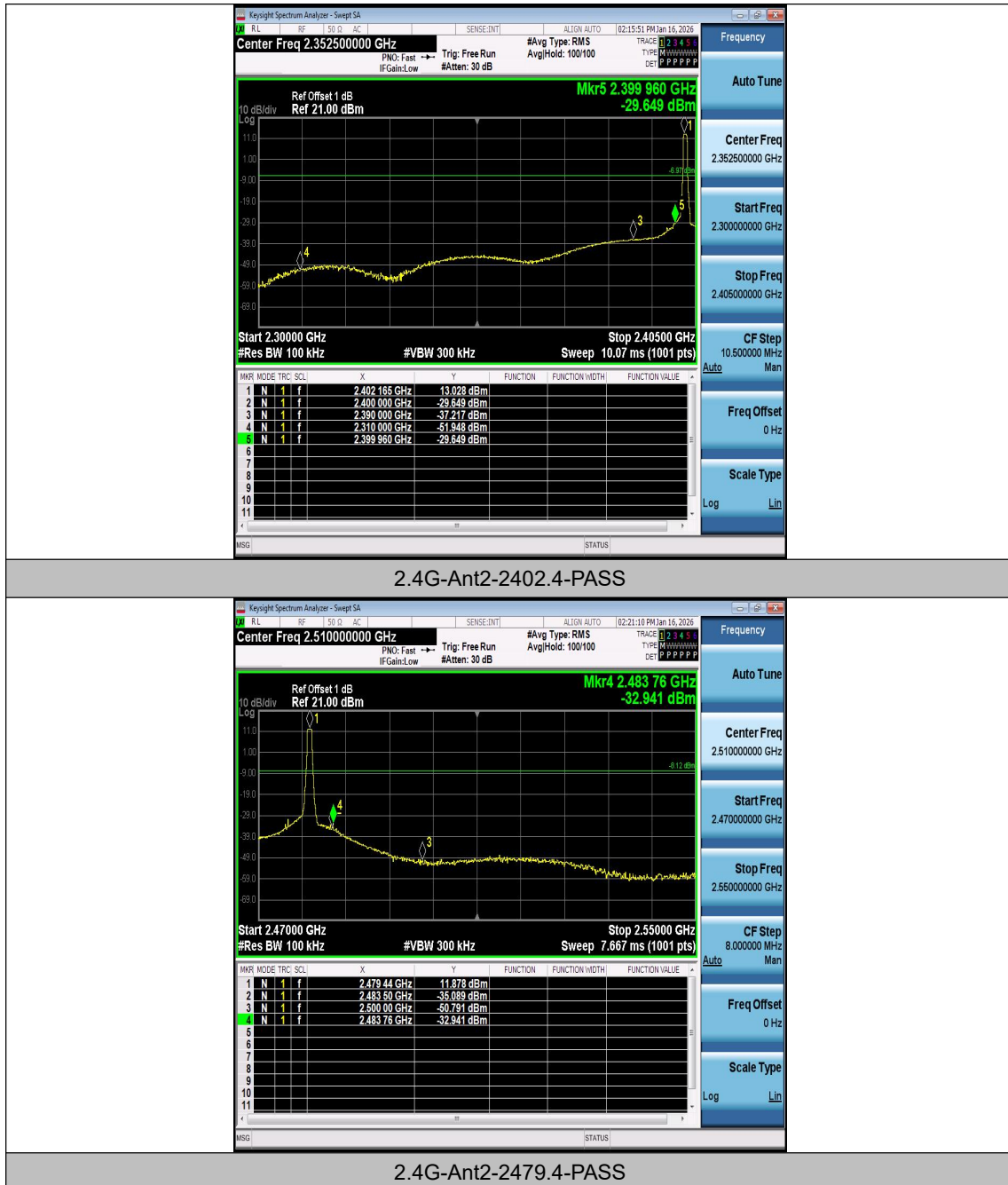


Appendix G: Conducted Band edge

Test Result

Test Mode	Antenna	Ch. Name	Frequency [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant2	Low	2402.4	13.03	-29.65	≤ -6.97	PASS
2.4G	Ant2	High	2479.4	11.88	-32.94	≤ -8.12	PASS
2.4G	Ant2	Low	Hop_2402.4	12.26	-32.24	≤ -7.74	PASS
2.4G	Ant2	High	Hop_2479.4	11.95	-36.34	≤ -8.05	PASS

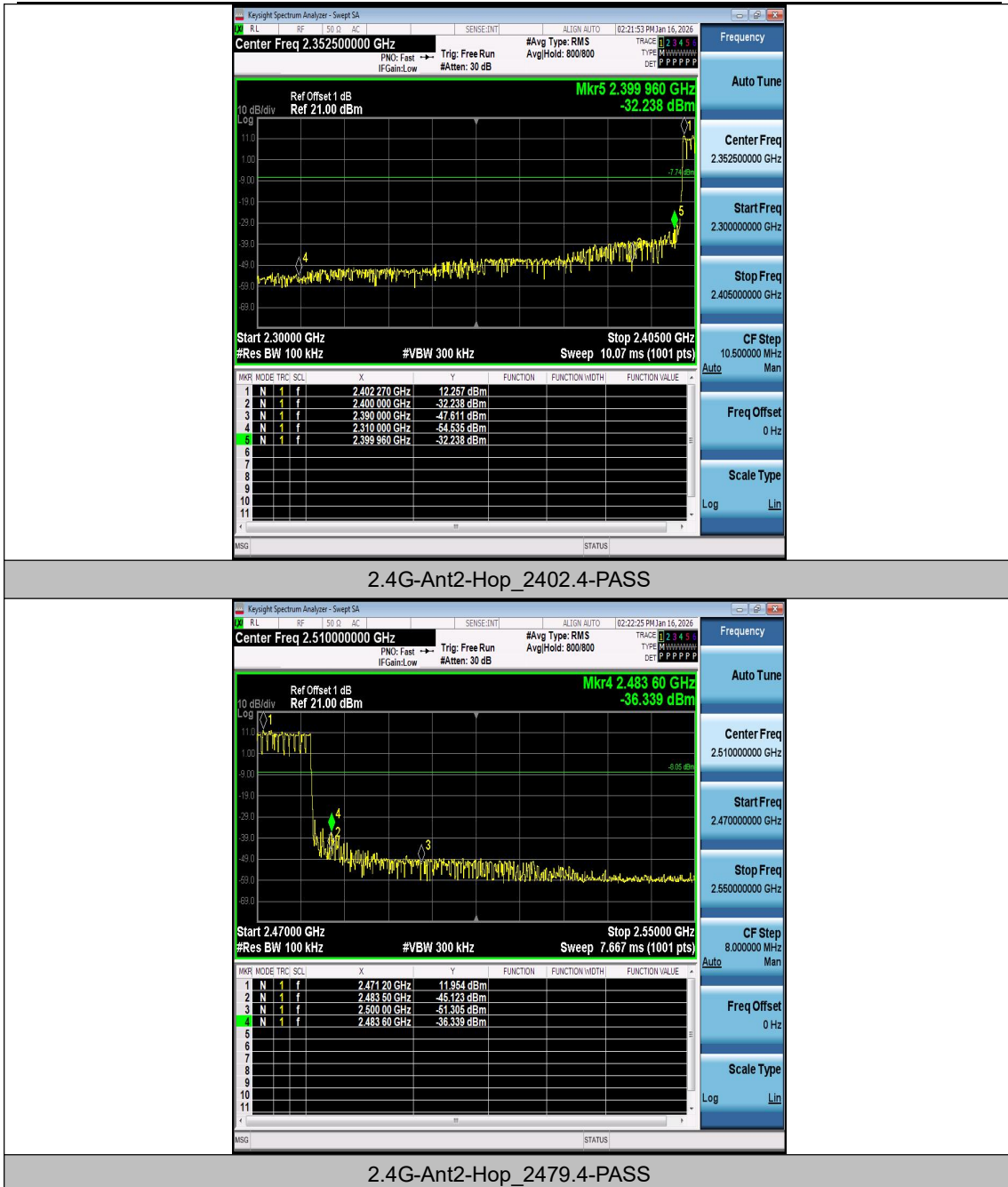
Test Graphs



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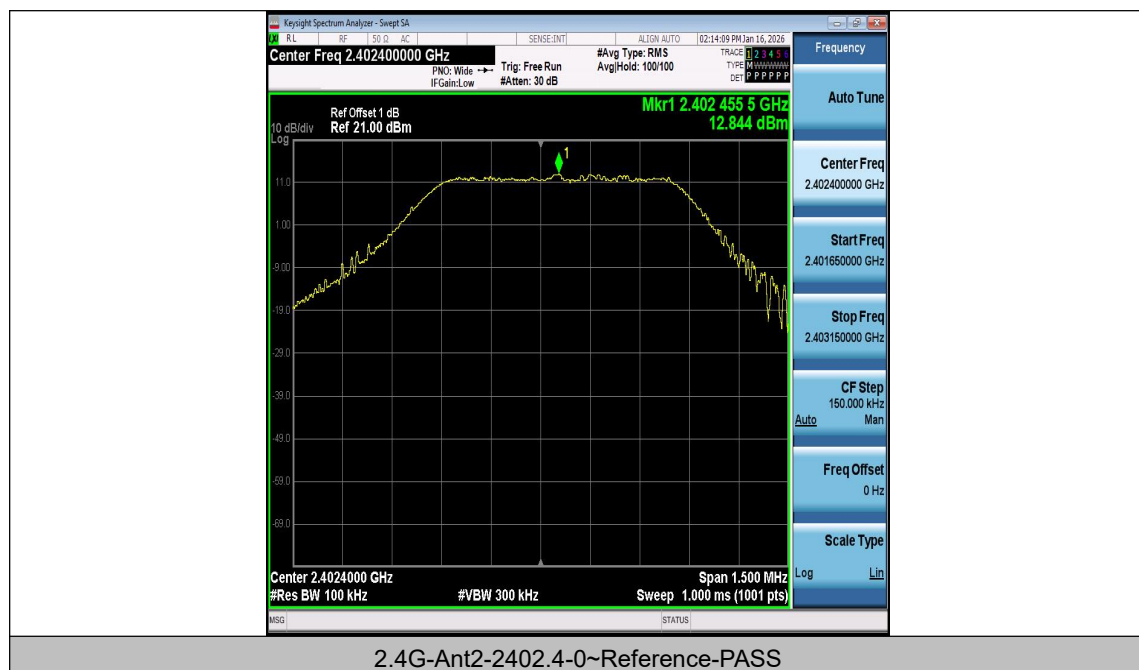
Appendix H: Conducted Spurious Emission

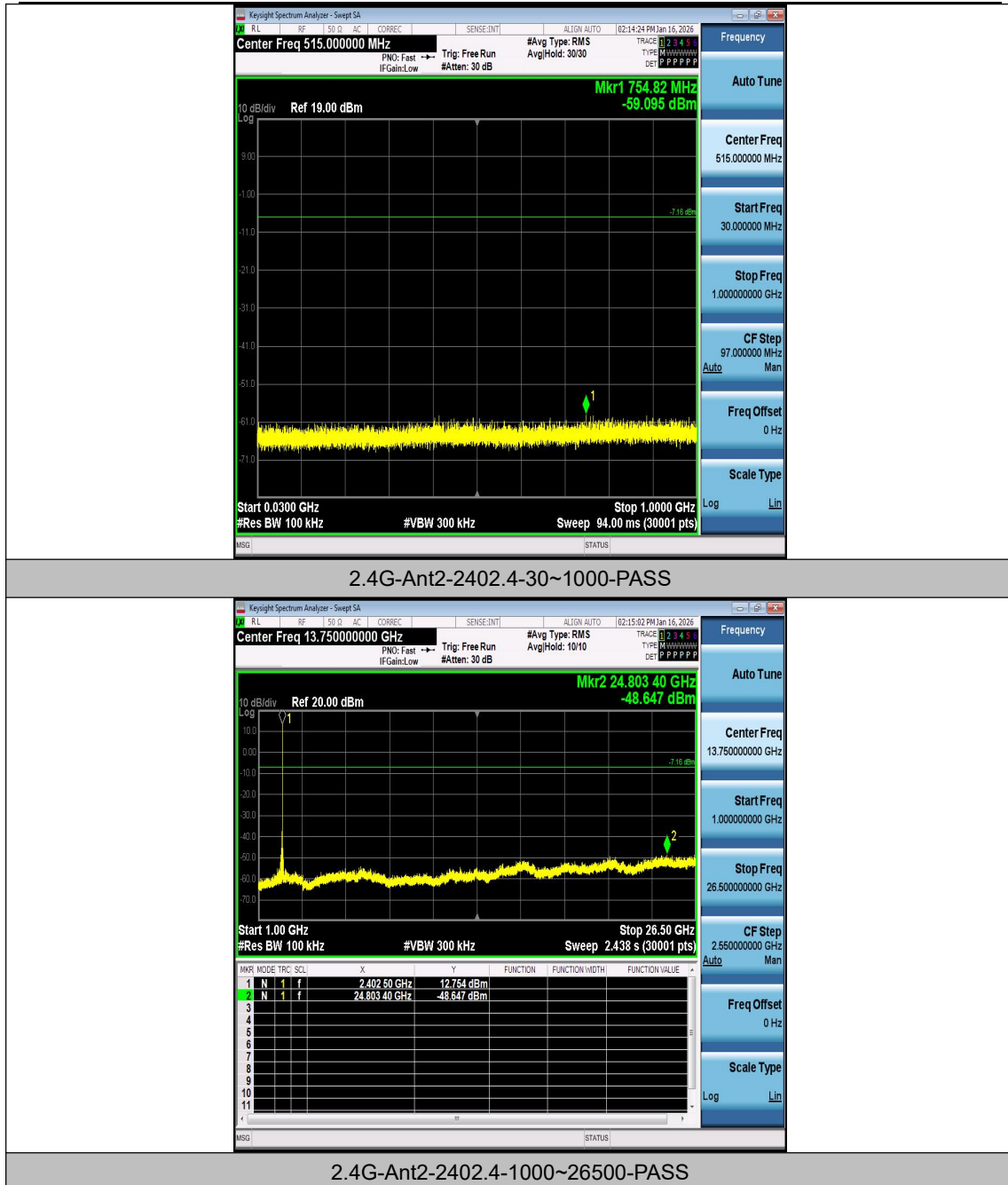
Test Result

Test Mode	Antenna	Frequency[MHz]	Freq. Range [MHz]	Ref. Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
2.4G	Ant2	2402.4	0~Reference	12.84	12.84	---	PASS
2.4G	Ant2	2402.4	30~1000	12.84	-59.1	≤-7.16	PASS
2.4G	Ant2	2402.4	1000~26500	12.84	-48.65	≤-7.16	PASS
2.4G	Ant2	2441.4	0~Reference	12.70	12.70	---	PASS
2.4G	Ant2	2441.4	30~1000	12.70	-59.59	≤-7.3	PASS
2.4G	Ant2	2441.4	1000~26500	12.70	-48.36	≤-7.3	PASS
2.4G	Ant2	2479.4	0~Reference	11.79	11.79	---	PASS
2.4G	Ant2	2479.4	30~1000	11.79	-58.93	≤-8.21	PASS
2.4G	Ant2	2479.4	1000~26500	11.79	-48.8	≤-8.21	PASS

Remark:Regarding the spurious emissions from 30MHz to 26.5GHz, the cable loss have been set in the 'Input Correction' of the Spectrum Analyzer during the test.

Test Graphs

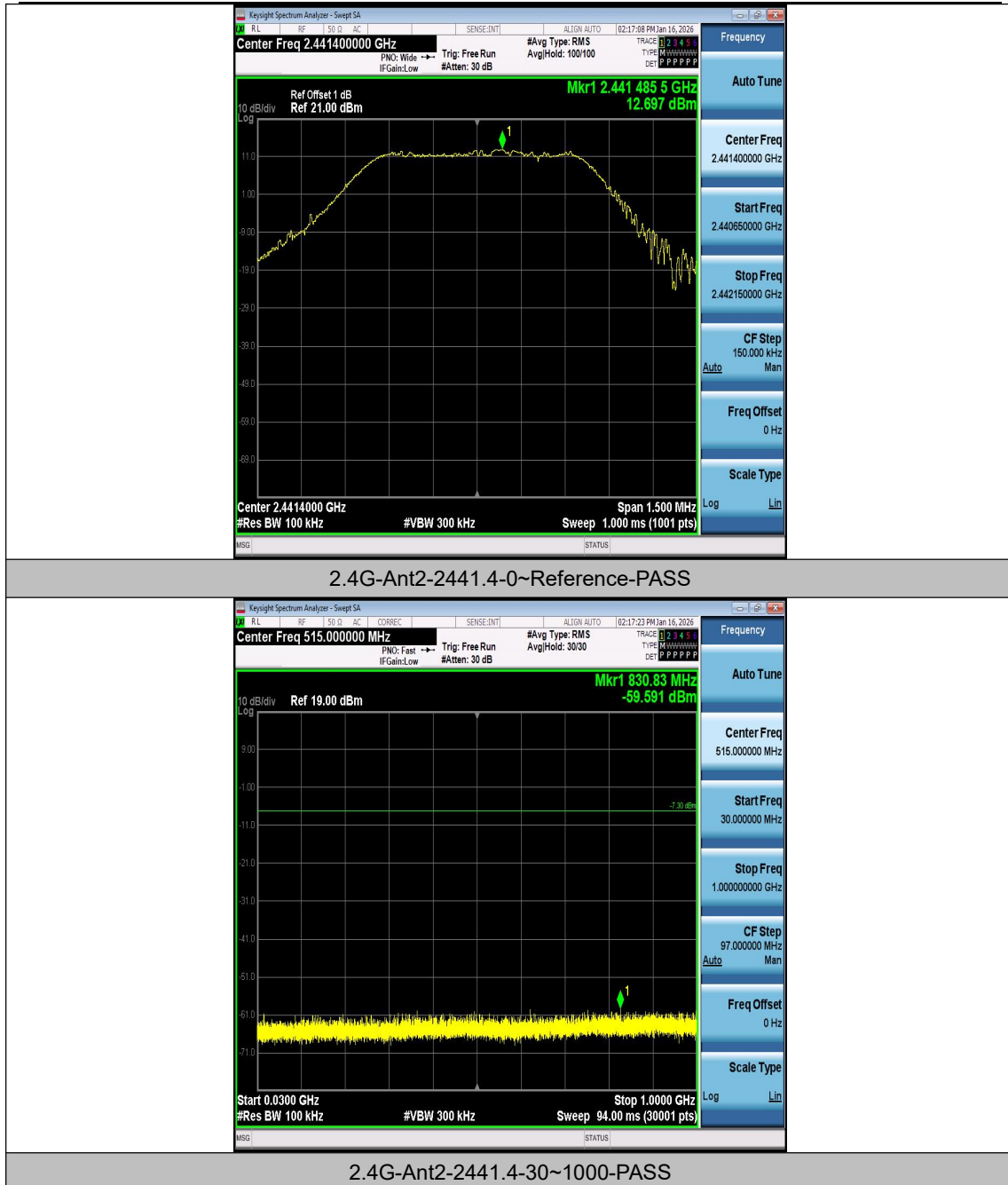




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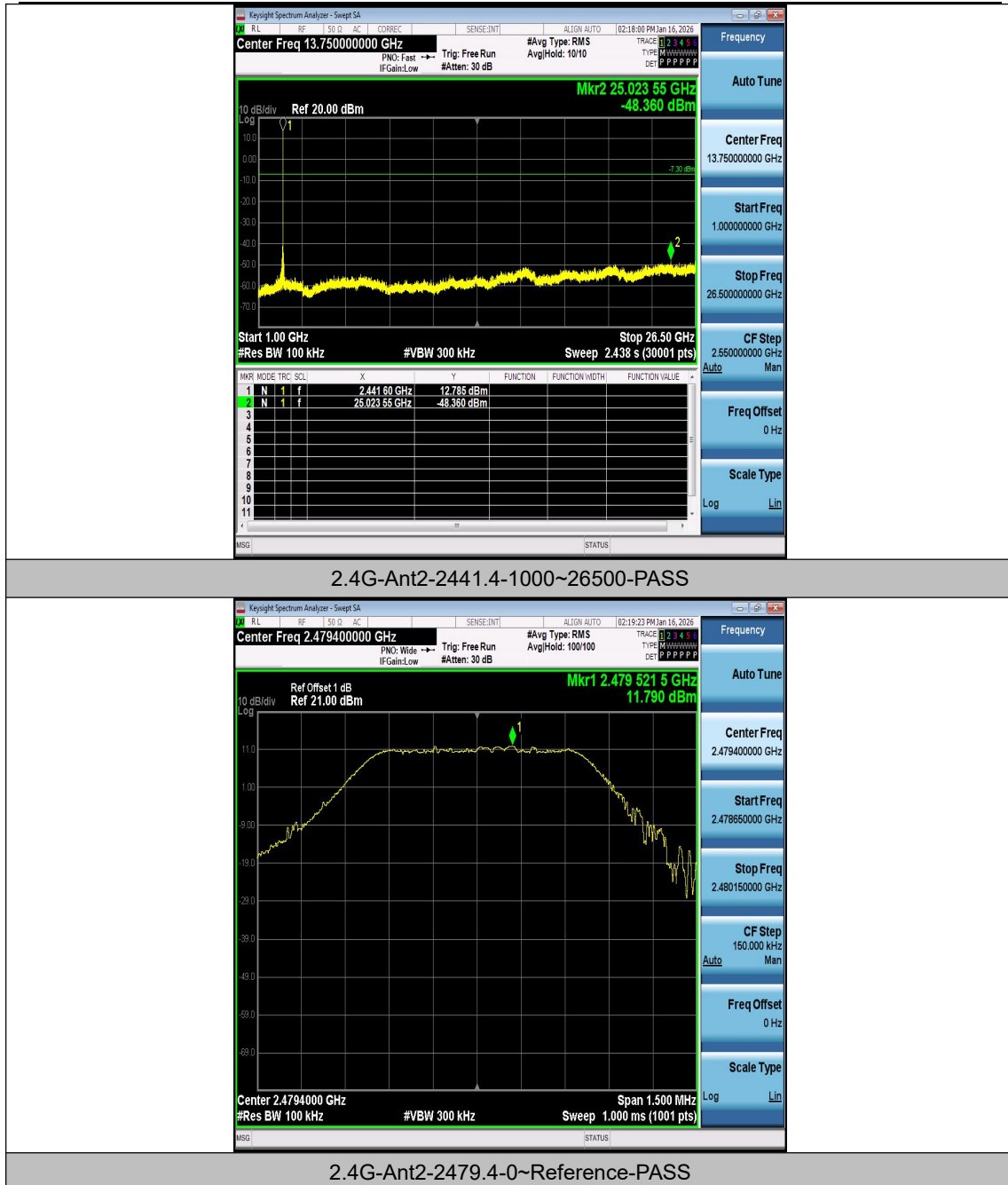
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

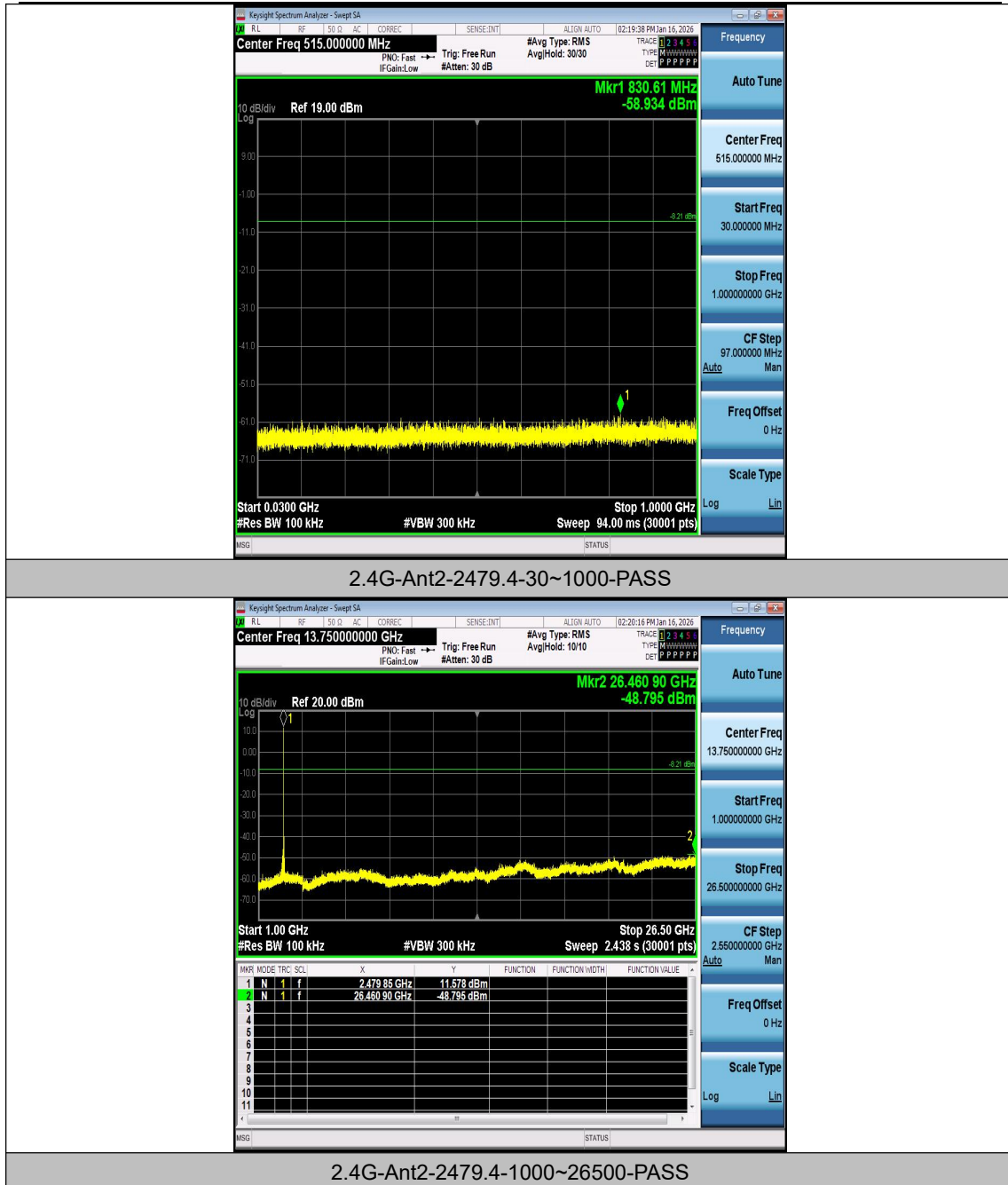


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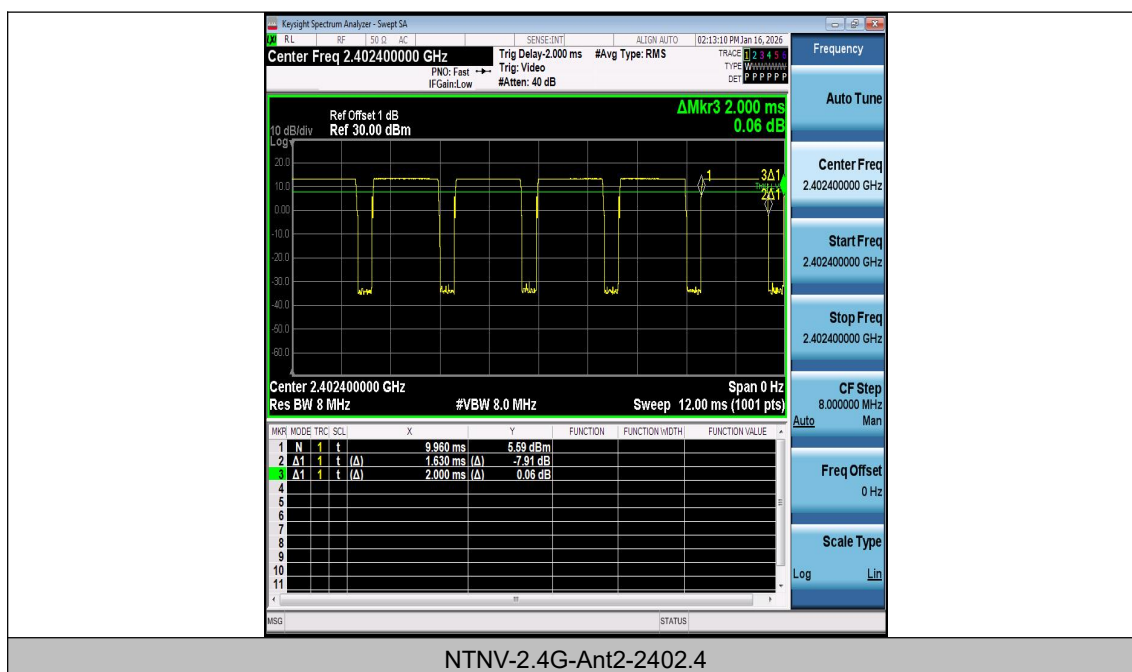
Hotline: 400-003-0500 web: www.anbotek.com E-mail: service@anbotek.com

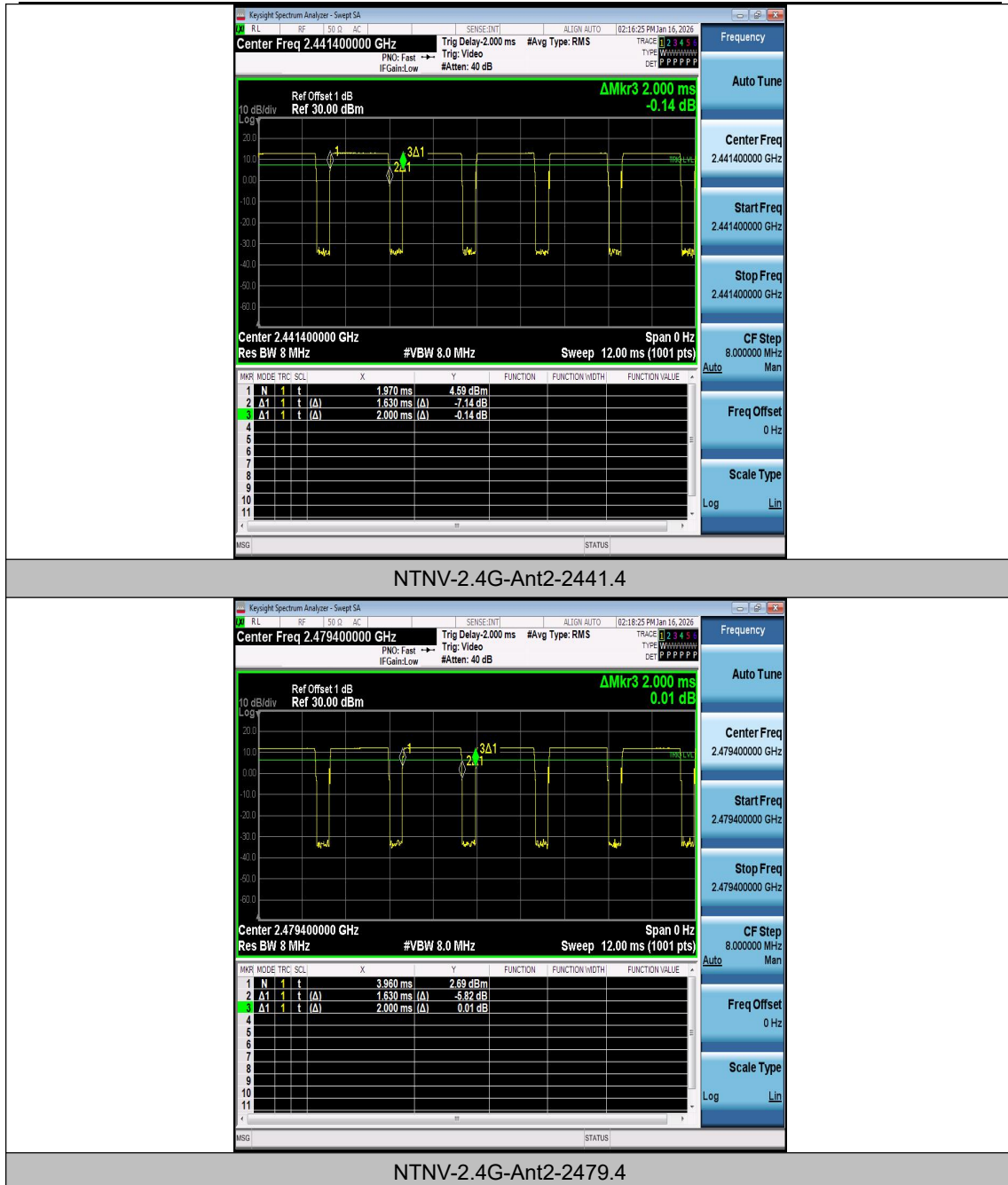
Appendix I: Duty Cycle

Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
2.4G	Ant2	2402.4	1.63	2.00	81.50	0.89
2.4G	Ant2	2441.4	1.63	2.00	81.50	0.89
2.4G	Ant2	2479.4	1.63	2.00	81.50	0.89

Test Graphs





---End---